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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/734,852	12/12/2000	Hyun-Jeong Kim	678-578 (P9616)	4736

7590 08/25/2003
Dilworth & Barrese, LLP
333 Earle Ovington Blvd.
Uniondale, NY 11553

EXAMINER

LY, NGHI H

ART UNIT	PAPER NUMBER
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2686

DATE MAILED: 08/25/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/734,852

Applicant(s)

KIM, HYUN-JEONG

Examiner

Nghi H. Ly

Art Unit

2686

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 March 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: .

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jain et al (US 6,085,101) in view of Baum et al (US 6,212,260) and further in view of Coad et al (US 5,966,652).

Regarding claims 1, 6 and 11, Jain teaches a method of notifying a calling mobile station that a called mobile station has confirmed a message by the called mobile station after receiving the message from a mobile switching center (MSC) (see fig.3 MSC 318 and base station 324) and informing the called mobile station of receipt of the message in a wireless communication system (see column 13 lines 32-49 for wireless communication), comprising the steps of: determining whether the called mobile station has confirmed the received message after the called mobile station is informed of receipt of the message (also see column 12 lines 24-41), notifying that the message has been confirmed (also see column 12 lines 24-41), if it is determined that the called mobile station has confirmed the received message (also see column 12 lines 24-41) and displaying information indicating receipt of the confirmation message upon receipt of the confirmation message (also see column 12 lines 40-41, "A text response").

Jain does not specifically disclose sounding an alarm upon receipt of the confirmation message.

Baum teaches disclose sounding an alarm upon receipt of the confirmation message (see column 10 lines 9-13).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to provide the above teaching of Baum into the system of Jain so that the caller is more aware that the called person has confirmed the received message.

The combination of Jain and Baum does not specifically disclose transmitting a confirmation message including a telephone number of a caller.

Coad teaches transmitting a confirmation message including a telephone number of a caller (see column 4 lines 9-44, in Coad, the called party extracts dialable telephone number within the text message of the caller and called party use the extracting dialable telephone number to answer the call from the caller. Therefore, Coad inherently teaches a confirmation message including a telephone number of a caller so that telephone network would know where to send back the confirmation message to the caller).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to provide the above teaching of Coad into the system of Jain and Baum in order to provide extraction of multiple call-back telephone numbers within the text message thus overcoming two significant disadvantages of the prior art (see Coad, column 4 lines 25-28).

Regarding claims 2, 7 and 12, Jain further teaches the message is a voice message (column 12 lines 24-41, see "DTMF" or "speech recognition").

Regarding claims 3, 8 and 13, Jain further teaches the message is a text message (column 12 lines 40-41, see "A text response").

Regarding claims 4, 9 and 14, Jain further teaches the confirmation message is a data burst message (column 12 lines 24-41, see a short message "Yes, I will attend" or "No, I will not attend").

Regarding claims 5, 10 and 15, Jain further teaches the confirmation message is a short message (column 12 lines 24-41, see a short message "Yes, I will attend" or "No, I will not attend").

Conclusion

3. The prior art made of record and not relied upon is consider pertinent to applicant' disclosure.

a. Nagira (US 6,188,872) teaches method of checking and acknowledging reception of data in a two-way radio communication system.

b. Fushinato (US 5,949,865) teaches management of calling name delivery in telephone networks providing for telephone number portability.

c. Ishikawa (US 6,466,782) teaches mobile paging telephone with an automatic call back function.

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4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nghi H. Ly whose telephone number is (703) 605-5164. The examiner can normally be reached on 8:30 am-5:30 pm Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold can be reached on (703) 305-4379. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Nghi H. Ly



August 20, 2003


CHARLES APPIAH
PRIMARY EXAMINER